

*JAS/J* ~~Patent Claims~~

1. A method for electronically processing purchasing and sales transactions using public communications networks, in particular the Internet (5), goods and/or services being ordered by means of at least one terminal (1) which is capable of communication and has a display, in particular a personal computer, via an access node (4), and these goods and/or services being invoiced and paid for electronically, characterized in that the at least one terminal which is capable of communication and has a display processes the order data transfer via a switching office (3), the access to the Internet starting from the switching office being at least briefly interrupted or disabled after confirmation of the order and a menu-prompted billing access to the switching office of the telephone network operator being established and/or set up in order to register, with respect to billing, the order within the respective terminal-related telephone account file by means of the customary processing of the services for the use of the telephone network.
2. The method as claimed in claim 1, characterized in that, before the order data and billing data are registered in the telephone account file, a PIN-inputting and PIN-checking mode runs.
3. The method as claimed in claim 1 or 2, characterized in that the order data and billing data are stored in a separate memory area of the telephone account file.
4. The method as claimed in claim 3, characterized in that the order data and billing data are stored in coded form.

5. The method as claimed in one of the preceding claims, characterized in that a confirmation protocol is created in an automated fashion from the registered order data or billing data and is transferred to the service provider via the Internet.

10. The method as claimed in one of the preceding claims, characterized in that a data link to the telephone data-registering computer is established in the respective switching office after a menu item has been called and authenticated by means of the terminal which is capable of communication, in particular a personal computer, it being possible to activate the menu even during the online state of the personal computer and access the Internet.

15. The method as claimed in one of the preceding claims, characterized in that firstly the order data is loaded onto the terminal via the Internet and the order is registered at the service provider and subsequently the billing data associated with the order is transmitted, in a separate link from the terminal memory to the switching office and registered there in a debit file after authenticity checking and the registration of the accounts receivable is transferred to the service provider with an identifier as a confirmation.

20. A device for carrying out the method as claimed in one of claims 1 to 7, having a terminal which is capable of communication and has a display, in particular a personal computer, which is connected to a switching office via the telephone network, the switching office setting up access to an Internet access computer via a data line, characterized in that the switching office (3) has

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~~an internode module (6), said internode module (6) transforming incoming telephone data when data is transferred between the Internet~~

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access computer (4) and the terminal (1) into a  
~~format which is suitable for display on or storage~~  
~~in the terminal (1), and transforming data records~~  
derived from the Internet data transfer into a  
switching-office format.

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